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Table of temperature and rainfall, week ended October 2, 1899.

[Received from Department of Agriculture, Weather Bureau.]

| Locality.                         | Temperature in degrees Fahrenheit. |           |              | Rainfall in inches and hundredths. |         |             |
|-----------------------------------|------------------------------------|-----------|--------------|------------------------------------|---------|-------------|
|                                   | Normal.                            | α Excess. | α Defic'ncy. | Normal.                            | Excess. | Deficiency. |
| <b>Atlantic Coast:</b>            |                                    |           |              |                                    |         |             |
| Eastport, Me.....                 | 52                                 |           | 0            | .79                                |         | .59         |
| Portland, Me.....                 | 56                                 |           | 4            | .79                                | .20     |             |
| Northfield, Vt.....               | 49                                 |           | 1            | .56                                | .89     |             |
| Boston, Mass.....                 | 59                                 |           | 2            | .84                                | .58     |             |
| Vineyard Haven, Mass.....         | 60                                 |           |              | .96                                |         |             |
| Nantucket, Mass.....              | 59                                 | 1         |              | .80                                |         | .75         |
| Woods Hole, Mass.....             | 60                                 | 2         |              | .81                                |         | .17         |
| Block Island, R. I.....           | 60                                 |           | 2            | .79                                | 1.38    |             |
| New Haven, Conn.....              | 59                                 |           | 5            | .90                                |         | .45         |
| Albany, N. Y.....                 | 58                                 |           | 3            | .77                                | 3.45    |             |
| New York, N. Y.....               | 62                                 |           |              | .84                                |         |             |
| Harrisburg, Pa.....               | 59                                 |           | 7            | .83                                | .54     |             |
| Philadelphia, Pa.....             | 63                                 |           | 6            | .70                                | .45     |             |
| New Brunswick, N. J.....          | 60                                 |           | 6            | .81                                | 1.45    |             |
| Atlantic City, N. J.....          | 63                                 |           | 7            | .77                                |         | .33         |
| Baltimore, Md.....                | 63                                 |           | 7            | .80                                | 2.18    |             |
| Washington, D. C.....             | 63                                 |           | 9            | .77                                | 2.06    |             |
| Lynchburg, Va.....                | 64                                 |           | 11           | .82                                |         | .07         |
| Cape Henry, Va.....               | 68                                 |           | 5            | .98                                |         | .91         |
| Norfolk, Va.....                  | 67                                 |           | 5            | .96                                |         | .91         |
| Charlotte, N. C.....              | 67                                 |           | 9            | .79                                |         | .49         |
| Raleigh, N. C.....                | 64                                 |           | 6            | .82                                | .56     |             |
| Kittyhawk, N. C.....              | 70                                 |           | 5            | .96                                |         | .78         |
| Hatteras, N. C.....               | 69                                 | 4         |              | 1.47                               |         | 1.45        |
| Wilmington, N. C.....             | 70                                 |           | 7            | 1.33                               |         | 1.28        |
| Columbia, S. C.....               | 72                                 |           | 9            | .69                                |         | .63         |
| Charleston, S. C.....             | 70                                 |           | 5            | 1.34                               |         | .98         |
| Augusta, Ga.....                  | 72                                 |           | 8            | .63                                |         | .61         |
| Savannah, Ga.....                 | 72                                 |           | 5            | 1.19                               |         | 1.19        |
| Jacksonville, Fla.....            | 75                                 |           | 4            | 1.51                               |         | 1.43        |
| Jupiter, Fla.....                 | 78                                 |           | 0            | 2.62                               | 3.35    |             |
| Key West, Fla.....                | 81                                 |           | 1            | 1.75                               |         | .80         |
| <b>Gulf States:</b>               |                                    |           |              |                                    |         |             |
| Atlanta, Ga.....                  | 68                                 |           | 9            | .73                                |         | .49         |
| Tampa, Fla.....                   | 77                                 |           | 1            | .93                                |         | .93         |
| Pensacola, Fla.....               | 74                                 |           | 6            | .89                                |         | .89         |
| Mobile, Ala.....                  | 73                                 |           | 8            | .99                                |         | .99         |
| Montgomery, Ala.....              | 71                                 |           | 9            | .61                                |         | .61         |
| Vicksburg, Miss.....              | 71                                 |           | 8            | .63                                |         | .63         |
| New Orleans, La.....              | 74                                 |           | 6            | .91                                |         | .91         |
| Shreveport, La.....               | 71                                 |           | 6            | .80                                |         | .80         |
| Fort Smith, Ark.....              | 67                                 |           |              | .75                                |         |             |
| Little Rock, Ark.....             | 68                                 |           | 9            | .59                                |         | .59         |
| Palestine, Tex.....               | 72                                 |           | 5            | .75                                |         | .75         |
| Galveston, Tex.....               | 76                                 |           | 2            | 1.25                               |         | 1.25        |
| San Antonio, Tex.....             | 75                                 |           | 2            | .62                                |         | .62         |
| Corpus Christi, Tex.....          | 76                                 |           | 0            | .86                                |         | .86         |
| <b>Ohio Valley and Tennessee:</b> |                                    |           |              |                                    |         |             |
| Memphis, Tenn.....                | 67                                 |           | 9            | .68                                |         | .62         |
| Nashville, Tenn.....              | 66                                 |           |              | .77                                |         |             |
| Chattanooga, Tenn.....            | 67                                 |           | 12           | .79                                |         | .47         |
| Knoxville, Tenn.....              | 64                                 |           | 14           | .57                                | .07     |             |
| Louisville, Ky.....               | 64                                 |           | 13           | .58                                |         | .55         |
| Indianapolis, Ind.....            | 61                                 |           | 13           | .63                                |         | .58         |
| Cincinnati, Ohio.....             | 63                                 |           | 12           | .49                                |         | .39         |
| Columbus, Ohio.....               | 61                                 |           | 13           | .56                                |         | .33         |
| Parkersburg, W. Va.....           | 59                                 |           | 10           | .70                                | .28     |             |
| Pittsburg, Pa.....                | 62                                 |           | 12           | .56                                |         | .01         |
| <b>Lake Region:</b>               |                                    |           |              |                                    |         |             |
| Oswego, N. Y.....                 | 57                                 |           | 8            | .70                                | 1.95    |             |
| Rochester, N. Y.....              | 57                                 |           | 9            | .58                                | 1.00    |             |
| Buffalo, N. Y.....                | 57                                 |           | 9            | .81                                | .61     |             |
| Erie, Pa.....                     | 59                                 |           | 10           | .96                                | .67     |             |
| Cleveland, Ohio.....              | 59                                 |           | 12           | .75                                |         | .38         |
| Sandusky, Ohio.....               | 61                                 |           | 13           | .59                                |         | .48         |
| Toledo, Ohio.....                 | 59                                 |           | 13           | .51                                |         | .50         |
| Detroit, Mich.....                | 58                                 |           | 14           | .56                                |         | .29         |
| Lansing, Mich.....                | 57                                 |           | 14           | .63                                |         | .51         |
| Port Huron, Mich.....             | 56                                 |           | 11           | .62                                | .22     |             |
| Alpena, Mich.....                 | 52                                 |           | 9            | .91                                |         | .76         |
| Sault Ste. Marie, Mich.....       | 49                                 |           | 9            | .98                                |         | .84         |
| Marquette, Mich.....              | 51                                 |           | 10           | .89                                |         | .08         |
| Green Bay, Wis.....               | 54                                 |           | 9            | .68                                |         | .68         |
| Grand Haven, Mich.....            | 57                                 |           | 12           | .82                                |         | .72         |

α The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended October 2, 1899—Continued.

| Locality.                        | Temperature in degrees Fahrenheit. |           |               | Rainfall in inches and hundredths. |         |             |
|----------------------------------|------------------------------------|-----------|---------------|------------------------------------|---------|-------------|
|                                  | Normal.                            | a Excess. | a Deficiency. | Normal.                            | Excess. | Deficiency. |
| <b>Lake Region—Continued:</b>    |                                    |           |               |                                    |         |             |
| Milwaukee, Wis.....              | 56                                 |           | 10            | .61                                |         | .58         |
| Chicago, Ill.....                | 59                                 |           | 12            | .65                                |         | .19         |
| Duluth, Minn.....                | 51                                 |           | 5             | .76                                |         | .75         |
| <b>Upper Mississippi Valley:</b> |                                    |           |               |                                    |         |             |
| St. Paul, Minn.....              | 54                                 |           | 7             | .61                                |         | .61         |
| La Crosse, Wis.....              | 57                                 |           |               | .86                                |         |             |
| Dubuque, Iowa.....               | 59                                 |           | 12            | .82                                |         | .82         |
| Davenport, Iowa.....             | 60                                 |           | 11            | .68                                |         | .68         |
| Des Moines, Iowa.....            | 59                                 |           | 8             | .70                                |         | .70         |
| Keokuk, Iowa.....                | 62                                 |           | 11            | .75                                |         | .73         |
| Hannibal, Mo.....                | 60                                 |           | 10            | .68                                |         | .60         |
| Springfield, Ill.....            | 62                                 |           | 12            | .71                                |         | .52         |
| Cairo, Ill.....                  | 65                                 |           | 11            | .61                                |         | .60         |
| St. Louis, Mo.....               | 64                                 |           | 9             | .70                                |         | .70         |
| <b>Missouri Valley:</b>          |                                    |           |               |                                    |         |             |
| Columbia, Mo.....                | 63                                 |           | 11            | .58                                |         | .56         |
| Springfield, Mo.....             | 61                                 |           | 4             | .83                                |         | .83         |
| Kansas City, Mo.....             | 63                                 |           | 4             | .77                                |         | .77         |
| Topeka, Kans.....                | 62                                 |           | 3             | .54                                |         | .54         |
| Wichita, Kans.....               | 63                                 | 0         |               | .54                                |         | .54         |
| Concordia, Kans.....             | 62                                 | 1         |               | .47                                |         | .47         |
| Lincoln, Nebr.....               | 62                                 |           | 4             | .42                                |         | .42         |
| Omaha, Nebr.....                 | 60                                 |           | 5             | .63                                |         | .63         |
| Sioux City, Iowa.....            | 60                                 |           | 5             | .22                                |         | .22         |
| Yankton, S. Dak.....             | 58                                 |           | 4             | .54                                |         | .54         |
| Valentine, Nebr.....             | 58                                 |           | 2             | .21                                |         | .21         |
| Huron, S. Dak.....               | 55                                 |           | 4             | .30                                |         | .29         |
| Pierre, S. Dak.....              | 59                                 |           | 2             | .21                                |         | .21         |
| Moorhead, Minn.....              | 51                                 |           | 5             | .48                                | .30     |             |
| Bismarck, N. Dak.....            | 52                                 |           | 1             | .23                                |         | .21         |
| Williston, N. Dak.....           | 51                                 | 2         |               | .16                                |         | .09         |
| <b>Rocky Mountain Region:</b>    |                                    |           |               |                                    |         |             |
| Havre, Mont.....                 | 51                                 | 7         |               | .22                                |         | .22         |
| Helena, Mont.....                | 52                                 | 5         |               | .24                                |         | .24         |
| Miles City, Mont.....            | 54                                 | 3         |               | .14                                |         | .14         |
| Rapid City, S. Dak.....          | 58                                 | 0         |               | .14                                |         | .14         |
| Spokane, Wash.....               | 55                                 | 4         |               | .30                                |         | .26         |
| Walla Walla, Wash.....           | 62                                 | 3         |               | .28                                |         | .18         |
| Baker City, Oreg.....            | 55                                 | 3         |               | .21                                |         | .19         |
| Winnemucca, Nev.....             | 55                                 | 3         |               | .10                                |         | .10         |
| Boise, Idaho.....                | 55                                 | 8         |               | .16                                |         | .16         |
| Salt Lake City, Utah.....        | 60                                 | 6         |               | .27                                |         | .27         |
| Lander, Wyo.....                 | 51                                 | 5         |               | .19                                |         | .19         |
| Cheyenne, Wyo.....               | 52                                 | 5         |               | .19                                |         | .19         |
| North Platte, Nebr.....          | 57                                 | 1         |               | .28                                |         | .28         |
| Denver, Colo.....                | 58                                 | 5         |               | .21                                |         | .21         |
| Pueblo, Colo.....                | 60                                 |           |               | .09                                |         |             |
| Dodge City, Kans.....            | 63                                 | 3         |               | .28                                |         | .28         |
| Oklahoma, Okla.....              | 67                                 |           | 4             | .56                                |         | .56         |
| Amarillo, Tex.....               | 65                                 | 1         |               | .38                                |         | .38         |
| Abilene, Tex.....                | 68                                 | 3         |               | .56                                |         | .56         |
| Santa Fe, N. Mex.....            | 56                                 | 6         |               | .31                                |         | .31         |
| El Paso, Tex.....                | 69                                 |           |               | .21                                |         |             |
| Phoenix, Ariz.....               | 75                                 | 11        |               | .18                                |         | .18         |
| <b>Pacific Coast:</b>            |                                    |           |               |                                    |         |             |
| Seattle, Wash.....               | 54                                 | 5         |               | .65                                |         | .15         |
| Tacoma, Wash.....                | 53                                 |           |               | .65                                |         |             |
| Fort Canby, Wash.....            | 56                                 | 0         |               | .98                                | .34     |             |
| Portland, Oreg.....              | 58                                 | 5         |               | .63                                | .20     |             |
| Roseburg, Oreg.....              | 58                                 | 5         |               | .43                                |         | .12         |
| Eureka, Cal.....                 | 54                                 |           |               | .44                                |         |             |
| Redbluff, Cal.....               | 69                                 |           |               | .21                                |         |             |
| Carson City, Nev.....            | 56                                 | 8         |               | .07                                |         | .07         |
| Sacramento, Cal.....             | 67                                 | 4         |               | .14                                |         | .14         |
| San Francisco, Cal.....          | 60                                 |           | 2             | .16                                |         | .16         |
| Fresno, Cal.....                 | 72                                 | 3         |               | .07                                |         | .07         |
| San Luis Obispo, Cal.....        | 63                                 |           |               | .14                                |         |             |
| Los Angeles, Cal.....            | 66                                 | 3         |               | .07                                |         | .07         |
| San Diego, Cal.....              | 66                                 |           |               | .00                                |         |             |
| Yuma, Ariz.....                  | 79                                 | 7         |               | .05                                |         | .05         |

a The figures in these columns represent the average daily departure.